

# **DEVICE FOR CONTROLLING ELECTRO-INSULATION OF ELECTRIC INSTALLATIONS**

**Patent number:** RU2063049

**Publication date:** 1996-06-27

**Inventor:** ANDRIENKO PETR DMITRIEVICH [UA]; ZHULOVYAN VLADIMIR V [RU]; SUKHAREV VLADIMIR NIKOLAEVICH [UA]; SHAPOSHNIKOV VLADIMIR FEDOROVI [UA]; LISUNETS BORIS SAMOJLOVICH [UA]

**Applicant:** UK NII SILOVOJ ELEKTRONIKI PRE [UA]

**Classification:**

- **international:** G01R31/02

- **european:**

**Application number:** SU19925064429 19921006

**Priority number(s):** SU19925064429 19921006

Abstract not available for

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Condition control device of electric insulation of electrical equipment - has actuating device to register unpermitted leakage current in current conducting section of electrical equipment and form signal indicating leakage

RU2063049C1: DEVICE FOR CONTROLLING ELECTRO-INSULATION OF ELECTRIC

INSTALLATIONS

Assignee: UKR PREOBRAZOVATEL RES INST Soviet Institute

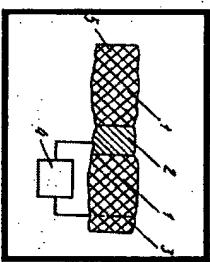
Inventor: ANDRENKO P D; SUKHAREV V N; ZHULOVYAN V V;

Accession/ Update: 1997-106985 / 199710

IPC Code: G01R 31/02 ;

Derwent Classes: S01;

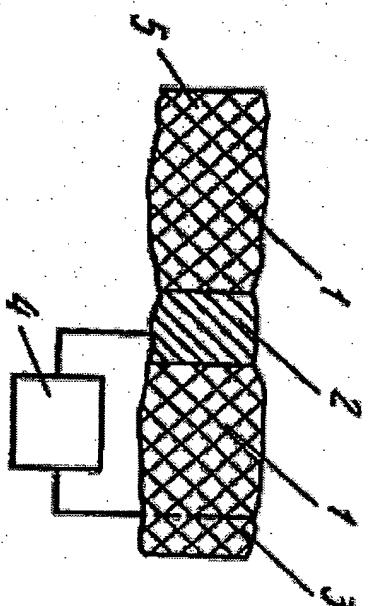
Manual Codes: S01-G04 (Testing for short circuits, discontinuity and leakage [general])



Derwent (RU2063049C) During forming of leakage current of the electric insulation (1) between the earthed body of a motor and an electrode (3), it flows through a circuit formed by the body of the electric motor, the failed electric insulation, the electrode, a sensitive coil, a relay (4), a centre point and the supply voltage busbar. When the magnitude of the leakage current corresp. to the threshold of the sensitive relay (4), it is triggered, to form a signal indicating unpermitted level of the leakage current. The prim. section of forming of a leakage current circuit through the insulation during loss of quality can be preliminarily set by creating unequal conditions for forming of a leakage current circuit. This can be achieved by selection of the corresp. relationships between the distances between the body, the electrode and the coil of the electric motor.  
**USE/Advantage** - Protection of servicing personnel from dangerous current, prevention of malfunction of electrical equipment and during construction of signalling and indication systems. Better reliability of control device.

Images:

Condition control device of electric insulation of electrical equipment - has actuating device to register unpermitted leakage current in curr... Page 2 of 2



Dwg.1/3

Priority Number:

PDF Patent

Pub. Date Derwent Update Pages Language IPC Code

RU2063049C1 \* 1996-06-27 199710 5 English G01R 31/02

Local appls.: SU1992005064429 Filed:1992-10-06 (92SU-5064429)

Application Number	Filed	Original Title
SU1992005064429	1992-10-06	

Priority Terms:

CONDITION CONTROL DEVICE ELECTRIC INSULATE ELECTRIC EQUIPMENT ACTUATE DEVICE REGISTER LEAK CURRENT  
CURRENT CONDUCTING SECTION ELECTRIC EQUIPMENT FORM SIGNAL INDICATE LEAK

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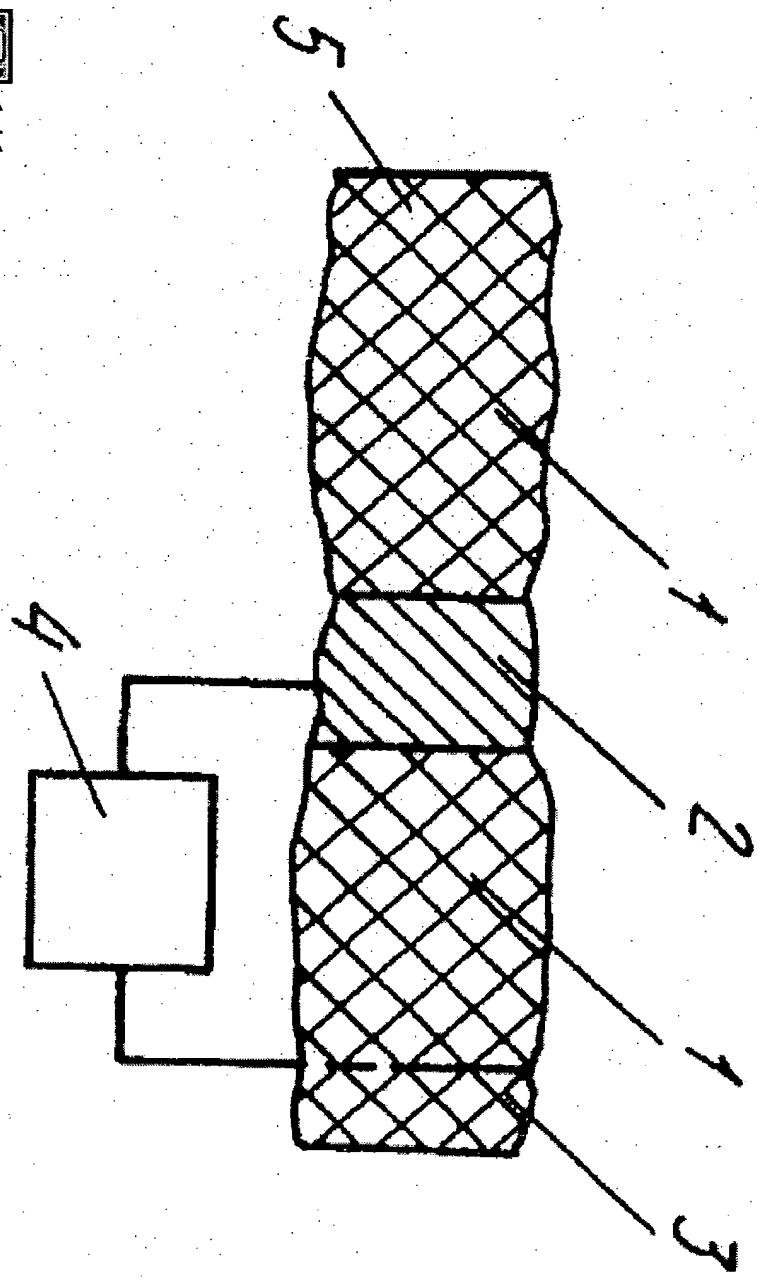
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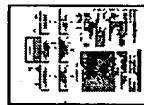
**Derwent Title:** Condition control device of electric insulation of electrical equipment - has actuating device to register unpermitted leakage current in current conducting section of electrical equipment and form signal indicating leakage

[Derwent Record]

**Country:** RU Russian Federation  
**Kind:** C1 Patent

**Inventor:** ANDRENKO PETR DMITRIEVICH; Ukraine  
 ZHULOVYAN VLADIMIR V.; Russian Federation  
 SUKHAREV VLADIMIR NIKOLAEVICH; Ukraine  
 SHAPOSHNIKOV VLADIMIR FEDOROVICH; Ukraine  
 LISUNETS BORIS SAMOJLOVICH; Ukraine

**Assignee:** UKRAINSKIJ NAUCHNO-ISSLEDOVATELSKIJ INSTITUT SILOVOJ ELEKTRONIKI "PREOBRAZOVATEL"  
 Ukraine  
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- ECLA Code:** None
- Priority Number:** 1992-10- SU1992005064429

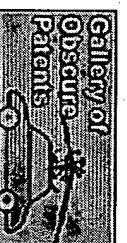
**Family:**

PDF	Publication	Pub. Date	Filed	Title

[RU2063049C1|1996-06-27|1992-10-06] DEVICE FOR CONTROLLING ELECTRO-INSULATION OF ELECTRIC  
1 family members shown above

Other Abstract Info:

None



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